

Applicants: Thomas M. Jessell et al.
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In the claims:

Please amend claims 41-48 under the provisions of revised 37 C.F.R. §1.121 as follows:

--1. - 16. (cancelled) --

--17. (withdrawn) --

--18. (cancelled) --

--19. (previously presented) An isolated dorsalin-1 polypeptide comprising continuous amino acids, the sequence of which is set forth in SEQ ID NO: 9.--

--20. (withdrawn) --

--21. (cancelled) -

--22. - 27. (withdrawn) --

--28. - 35. (cancelled) --

--36. - 40. (withdrawn) --

--41. (currently amended) A ~~pharmaceutical~~ composition comprising the isolated dorsalin-1 polypeptide of claim [[17 or]] 19 and a pharmaceutically acceptable carrier.-

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- 42. (currently amended) The ~~pharmaceutical~~ composition of claim 41, wherein the ~~pharmaceutical~~ composition comprises an amount of isolated dorsalin-1 polypeptide effective to stimulate neural crest cell differentiation.--
- 43. (currently amended) The ~~pharmaceutical~~ composition of claim 41, wherein the ~~pharmaceutical~~ composition comprises an amount of isolated dorsalin-1 polypeptide effective to regenerate a nerve cell in a subject.--
- 44. (currently amended) The ~~pharmaceutical~~ composition of claim 41, wherein the ~~pharmaceutical~~ composition comprises an amount of isolated dorsalin-1 polypeptide effective to promote bone growth in a subject.--
- 45. (currently amended) The ~~pharmaceutical~~ composition of claim 41, wherein the ~~pharmaceutical~~ composition comprises an amount of isolated dorsalin-1 polypeptide effective to promote wound healing in a subject.-
- 46. (currently amended) The ~~pharmaceutical~~ composition of claim 41, wherein the ~~pharmaceutical~~ composition comprises an amount of isolated dorsalin-1 polypeptide effective to inhibit neural tumor cell growth in a subject.--
- 47. (currently amended) The ~~pharmaceutical~~ composition of claim 46, wherein the neural tumor is a neurofibroma.--

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--48. (currently amended) The ~~pharmaceutical~~ composition of claim 46, wherein the neural tumor is a Schwann cell tumor.--